

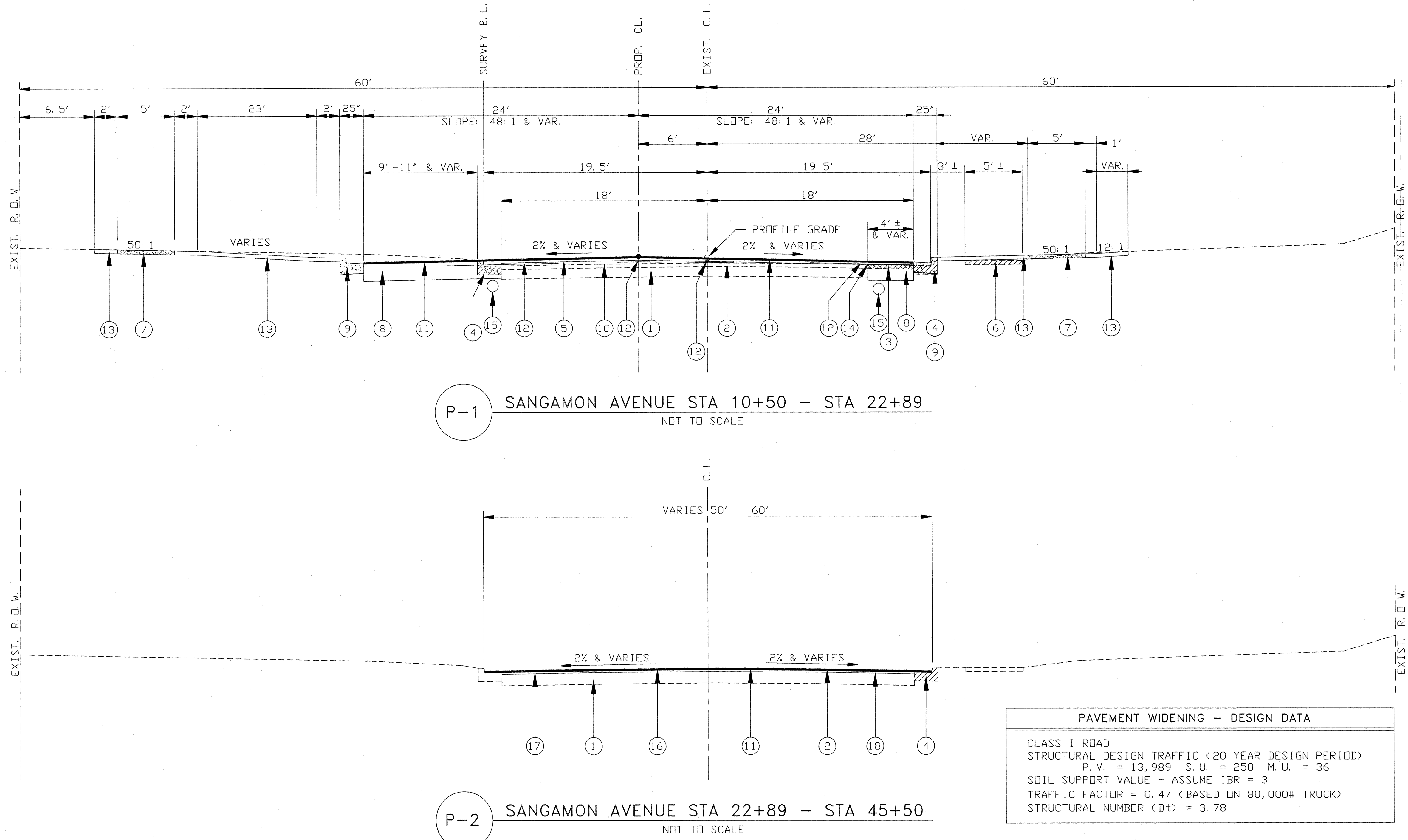
ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
7967	*	SANGAMON	28	2
FED. ROAD DIST. #7 ILLINOIS PROJECT				

CITY OF SPRINGFIELD * 00-00415-00-WR

GENERAL NOTES

93363

- WHERE SECTION OR SUB-SECTION STONES OR PROPERTY MARKER ARE ENCOUNTERED THE ENGINEER SHALL BE NOTIFIED BEFORE STONES ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS UNTIL AND OWNER OR AUTHORIZED SURVEYOR HAS WITNESSED OR REFERENCED THEIR LOCATION.
- UTILITY LINES SHOWN ON THE PLANS HAVE BEEN LOCATED BY USING THE BEST AVAILABLE INFORMATION. HOWEVER, THE CONTRACTOR SHALL VERIFY THEIR LOCATION AND NOTIFY THE PROPER REPRESENTATIVES, THE CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES.
- EXCAVATION FIGURES INCLUDE EXCAVATION FOR DRIVEWAYS AND SIDEWALKS.
- DEPRESS CURBS ACROSS DRIVEWAYS.
- DOMESTIC BUFFALO BOXES AND METER VAULTS IN THE AREA WHERE THE IMPROVEMENT IS TO TAKE PLACE ARE TO BE MOVED OR ADJUSTED, IF NECESSARY, BY CITY WATER, LIGHT & POWER.
- UTILITY POLES ARE TO BE MOVED, IF NECESSARY, BY THE UTILITY COMPANIES.
- AGGREGATE SURFACE COURSE, TYPE B SHALL BE USED FOR TEMPORARY ACCESS DURING CONSTRUCTION AS REQUIRED AT SIDESTREETS, DRIVEWAYS, AND ALLEYS AS DIRECTED BY THE ENGINEER. (ESTIMATED QUANTITY = 529 TONS)
- THE SURVEY BASE LINE IS LOCATED AT THE FACE OF THE EXISTING NORTH CURB. STATIONING SHALL BE ESTABLISHED BY THE CONTRACTOR MEASURING FROM THE CENTER OF EXISTING DRAINAGE FACILITIES AS SHOWN ON THE PLANS. CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO WORK PRECEDING ON THE PROJECT AND SHALL REESTABLISH THE SURVEY BASELINE PRIOR TO REMOVAL OF CURB AND GUTTER.
- SUPPLEMENTAL WATERING SHALL BE APPLIED AT A RATE OF 3 GAL/SY OR AT A RATE AS DIRECTED BY THE ENGINEER.
- STORM SEWER CLEANING WILL BE PERFORMED BY THE CITY OF SPRINGFIELD IF NECESSARY FOR THE CONTRACTOR TO COMPLETE HIS WORK SATISFACTORY. THE CONTRACTOR SHALL PROVIDE 48-HOUR NOTICE OF ANY SEWER NEEDING CLEANING.
- ALL PERMANENT PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
- THE PLANS FROM STATION 25+00 TO STATION 45+50 ARE SCHEMATIC IN NATURE AND WERE DRAWN FROM MEASUREMENTS MADE IN THE FIELD. LOCATIONS OF UTILITIES AND STORM SEWER STRUCTURES ARE APPROXIMATE. ENGINEER TO VERIFY LOCATIONS AND LIMITS OF ALL PROPOSED WORK IN THIS AREA INCLUDING EXISTING PAVEMENT MARKING.
- BITUMINOUS CONCRETE QUANTITIES BASED ON 112#/SQ. YD. /INCH THICK.
- THE CONTRACTOR SHALL CONSTRUCT ALL OF THE PROPOSED SURFACE COURSE OF ASPHALT AT THE SAME TIME.
- PROTECTIVE COAT SHALL BE APPLIED TO ALL NEW CONCRETE GUTTER FLAGS, FACES AND TOPS OF CURBS, CONCRETE MEDIANS, SIDEWALKS, AND PCC DRIVEWAY PAVEMENTS IN ACCORDANCE WITH ARTICLE 420.21 OF THE STANDARD SPECIFICATIONS, EXCEPT THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT COST FOR THE CONCRETE PAY ITEM REQUIRING PROTECTIVE COAT.
- THE CONTRACTOR SHALL PROVIDE TWO CHANGEABLE MESSAGE SIGNS TO BE LOCATED AT THE WEST AND EAST END OF THE PROJECT AND/OR AT THE DIRECTION OF THE ENGINEER.
- SAWCUT SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR BITUMINOUS SURFACE REMOVAL, BUTT JOINT, DRIVEWAY PAVEMENT REMOVAL OR PAVEMENT REMOVAL PAY ITEMS.
- ALL EARTHWORK, EXCEPT TOPSOIL PLACEMENT, REQUIRED FOR GRADING ACTIVITIES TO BE PAID AS EARTH EXCAVATION.



PAVEMENT WIDENING - DESIGN DATA

CLASS I ROAD
STRUCTURAL DESIGN TRAFFIC (20 YEAR DESIGN PERIOD)
P.V. = 13,989 S.U. = 250 M.U. = 36
SOIL SUPPORT VALUE - ASSUME IBR = 3
TRAFFIC FACTOR = 0.47 (BASED ON 80,000# TRUCK)
STRUCTURAL NUMBER (D_t) = 3.78

BITUMINOUS CONCRETE MIXTURE REQUIREMENTS

ITEM	AC/PG	ALLOWABLE RAP	% VOIDS
SURFACE, SUPERPAVE, MIX 'D' N50	PG 64-22	15%	4.0
LEVELING BINDER, SUPERPAVE, N50	PG 64-22	20%	4.0
BINDER, SUPERPAVE, IL-19.0 N50	PG 64-22	20%	4.0

LEGEND

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| ① = EXISTING 10" AGGREGATE BASE COURSE, TYPE A | ⑩ = PROPOSED BITUMINOUS MATERIALS (PRIME COAT) & AGGREGATE (PRIME COAT) |
| ② = EXISTING 4"± BITUMINOUS CONCRETE SURFACE COURSE, CLASS I | ⑪ = PROPOSED BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE MIX D N50 - 1 1/2" |
| ③ = EXISTING PAVEMENT TO BE REMOVED AS SHOWN ON THE PLANS | ⑫ = PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT (6 FOOT WIDE STRIP) |
| ④ = EXISTING C&G B-6.18 (TO BE REMOVED AS SHOWN ON THE PLANS) | ⑬ = PROPOSED 4" TOPSOIL WITH SOD, SALT TOLERANT |
| ⑤ = PROPOSED LEVELING BINDER (MACHINE METHOD), SUPERPAVE N50, 0.75" MIN. | ⑭ = SAW CUT, FULL DEPTH (INCIDENTAL TO PAVEMENT REMOVAL) |
| ⑥ = EXISTING 5"± BRICK SIDEWALK (TO BE REMOVED AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER) | ⑮ = PIPE UNDERDRAIN, 4" (SEE DETAILS, SHT 6) |
| ⑦ = PROPOSED 4" PORTLAND CEMENT CONCRETE SIDEWALK | ⑯ = PROPOSED BITUMINOUS SURFACE REMOVAL 2" |
| ⑧ = PROPOSED BITUMINOUS CONCRETE BINDER COURSE, SUPERPAVE IL-19.0, N50 - 8 1/2" | ⑰ = PROPOSED LEVELING BINDER (MACHINE METHOD), SUPERPAVE N50, 0.5" MIN. |
| ⑨ = PROPOSED COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.18, (SEE STD. 606001) | ⑱ = AREA REFLECTIVE CRACK CONTROL TREATMENT |

LANDSCAPING NOTES

- SODDING, SALT TOLERANT SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF SECTION 252 OF THE "STANDARD SPECIFICATIONS".
- FERTILIZER NUTRIENTS AND AGRICULTURAL GROUND LIMESTONE SHALL BE APPLIED TO ALL AREAS TO BE SODDED.
- FERTILIZER NUTRIENTS SHALL BE APPLIED AT THE RATE OF 560 POUNDS PER ACRE; AT THE RATIO: 8-32-16 (80 POUNDS OF NITROGEN, 320 POUNDS OF PHOSPHORUS AND 160 POUNDS OF POTASSIUM).
- AGRICULTURAL GROUND LIMESTONE IS TO BE APPLIED AT THE RATE OF 2 TONS PER ACRE.

OFFICE OF PUBLIC WORKS
CITY OF SPRINGFIELD

TYPICAL CROSS SECTION,
GENERAL NOTES AND
LANDSCAPING NOTES

SANGAMON AVENUE
SECTION 00-00415-00-WR